m

M

N

M



TILITY I. ENT APPLICATION TRANSMITTA

(CLAIMING BENEFIT TO PROVISIONAL APPLICATION) (New Nonprovisional Applications Under 37 CFR § 1.53(b))

Attorney Docket No. 50277-1755

10/006605 12/05/01

TO THE COMMISSIONER FOR PATENTS:

Transmitted herewith is the patent application of () application identifier or (X) first named inventor, <u>WAYNE SMITH</u>, et al. entitled <u>OBJECT-ORIENTED MATERIALIZED VIEWS</u>, for a(n):

(X)	Original Patent Ap September 28, 200		e benefit of prior U.S. P	rovisional Application (Se	rial No. 60/326,275), filed
()	() Continual of prior a	pplication No:	al () Continua Filed on:	tion-in-part (CIP) n added to the specification.	
Encl	(X) Oath or D () A New (X) S () A Cop () I () S (X) Power of () Associate () Prelimina (X) Request a (X) A Duplica () A Certific () Applicant () Statement	peclaration: _4 _ Pages why Executed Combined Signed. (by from a Prior Application and is necessary and is hereby Signed Statement Deletin Attorney. Power of Attorney. Power of Attorney. The Amendment. (by Cartification Under 3 attention of Priority Docutes) is entitled to small entits) of Status as a Small Interest of Status as a Small Interest where Interest is the Interest of Status as a Small Interest of Status and Status and Status as a Small Interest of Status and Status	Declaration and Power of () Unsigned. on for Continuation/Divice. The entire disclosure plied, is considered as beincorporated herein by reg Inventor(s) Named in th (X) Return (X) A Che () Inform 5 U.S.C. 122(b)(2)(B)(i) r Processing Fee Against ments (if foreign priority tity status. See 37 CFR 1	() Partially Signed. sional (37 CFR § 1.63(d)). of the prior application, from the prior application, from the prior Application. (37 Cm Receipt Postcard. eck in the amount of \$740.0 mation Disclosure Statemen Deposit Account. is claimed).	om which a copy of the the accompanying l purposes. FR § 163(d)(2)). One for the Filing Fee. t and Form PTO-1449.
			CLAIMS AS EU E	TD.	-
-	FOR	NO. FILED	CLAIMS AS FILE NO. EXTRA	RATE	FEE

		CLAIMS AS FILED			
FOR	NO. FILED	NO. EXTRA	RATE	FEE	
Total Claims	14	0	\$18.00	\$ 0.00	
Independent Claims	1	0	\$84.00	\$ 0.00	
Multiple Dependent Claims (if applicable)					
Assignment Recording Fee \$40					
Basic Filing Fee				\$740.00	
			Total Filing Fee	\$ 780.00	

Respectfully submitted

By:

Marcel K. Bingham, Reg. No. 42,327

Date: December <u>5</u>, 2001

Correspondence Address: 29989



29989
PATENT TRADEMARK OFFICE

I hereby certify that this is being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 CFR § 1.10 on the date indicated below and is addressed to:

Commissioner for Patents Box Patent Application Washington, D.C. 20231

By: Juna Say

Typed Name: Tirena Say

Express Mail Label No.: EL558817321 U\$

Date of Deposit: December 5_, 200

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2002 Patent fees are subject to annual revision,

Patent fees are subject to annual revision, Small Entity payments <u>must</u> be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12. See 37 C.F.R. §§ 1.27 AND 1.28

TOTAL AMOUNT OF PAYMENT

/A	700	^^
14.1	780.	1 M 1
1301	I UU.	·

and to the state of the state o					
Complete if Known					
Application Number	Not yet assigned				
Filing Date	December, 2001				
First Named Inventor	Wayne Smith et al.				
Examiner Name	Not yet assigned				
Group/Art Unit	Not yet assigned				
Attorney Docket No.	50277-1755				

The Control Heavy and Service of the speciment by deposit account 50- 1302 Solution 1 Solu	METHOD OF PAYMENT (check one)		FEE CALCULATION (continued)				
Account Acco	any additional fees, including any required extension of time fees, and creothall overpayments to deposit account 50-	Large I Fee	Entity Fee	Small E	Entity Fee		Fee Paid
Recommendary Hickman Palermo Truong & Becker, LLP 139 130 139 130 Non-English specification 112 920* 112 920* 112 920* 112 920* 112 920* 112 920* 112 920* 113 1,840* 11	Account 50-1302	105	130	205	65	Surcharge – late filing fee or cath	
Check	Account Hickman Palermo Truong & Becker, LLP	127	50	227	25		
3. Applicant(s) is entitled to small entity status. See 37 CFR 1.27 FEE CALCULATION 1. BASIC FILING FEE Large Entity Small Entity Fee Feb Code (8) Feb Pald 117 740 201 370 Utility filing fee 118 1,440 218 720 Extension for reply within first month 1. BASIC FILING FEE 1. 116 400 216 200 Extension for reply within second month 1. BASIC FILING FEE 1. 117 40 21 370 Utility filing fee 1. 118 1,440 218 720 Extension for reply within hird month 1. 118 1,440 218 720 Extension for reply within first month 1. 119 310 219 155 Notice of Appeal 1. 128 1,960 228 980 Extension for reply within first month 1. 119 310 219 155 Notice of Appeal 1. 128 1,960 228 980 Extension for reply within first month 1. 128 1,960 228 980 Extension for reply within first	2. X Payment Enclosed:	139	130	139	130	Non-English specification	
3. Applicant(s) is entitled to small entity status. See 37 CFR 1.27 FEE CALCULATION 115 110 215 55 Extension for reply within first month 116 400 216 200 Extension for reply within second month 117 920 217 460 Extension for reply within second month 118 110 218 720 Extension for reply within first month 118 119 218 720 Extension for reply within first month 118 119 218 720 Extension for reply within first month 118 119 218 720 Extension for reply within first month 118 119 218 119		112	920*	112	920*		
Total Claims	3. Applicant(s) is entitled to small entity status.	113	1,840*	113	1,840*		
1. BASIC FILING FEE	See 37 CFR 1.27						
Large Entity Small Entity Fee	FEE CALCULATION	115	110	215	55	Extension for reply within first month	
Fee	1. BASIC FILING FEE	116	400	216	200	Extension for reply within second month	
Code (\$) Code (\$) Code (\$) Fee Pald Code	Large Entity Small Entity	117	920	217	460	Extension for reply within third month	
101 740 201 370 Utility filing fee		118	1,440	218	720	Extension for reply within fourth month	
119 310 219 155 Notice of Appeal	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	128	1.960	228	980	Extension for reply within fifth month	
120 310 220 155 Filing a brief in support of an appeal 121 270 221 135 Request for oral hearing 121 270 221 135 Request for oral hearing 128 1,510 124 120 241 120 242 120						• •	-
108 740 208 370 Reissue filling fee 121 270 221 135 Request for oral hearing 138 1,510 1							
138 1,510 138 1,510 138 1,510 Petition to institute a public use proceeding 140 110 240 55 Petition to revive – unavoidable 141 1,210 241 605 Petition to revive – unavoidable 141 1,210 241 605 Petition to revive – unintentional 141 1,210 241 142 1,210 242 605 Utility issue fee (or reissue) 143 430 243 215 Design issue fee 144 580 244 290 Plant issue fee 144 580 244 290 240							-
SUBTOTAL (1) (\$) 740.00 2. EXTRA CLAIM FEFS Extra Claims Fee from Below Fee Paid Independent I - 3" = 0 X 84.00 = 122 130 122 130 Petition to revive - unavoidable Independent I - 3" = 0 X 84.00 = 122 130 122 130 Petitions to the Commissioner I - 3" = 0 X 84.00 = 122 130 122 130 Petitions related to provisional applications "'or number previously paid, if greater, For Reissues, see below Large Entity Small Entity Fee Fee Fee Fee Fee Code (\$) Code		138	1,510	138			
2. EXTRA CLAIM FEFS Extra Claims 14 -20**= 0 X 84.00 = 122 130 122 130 Petitions to the Commissioner		140	110	240	55		
Extra Claims 14 -20**a 0	SUBTOTAL (1) (\$) 740.00	141	•	241	605	Petition to revive – unintentional	
Total Claims		142	1,210	242	605	Utility issue fee (or reissue)	
Independent Claims Multiple Dependent "or number previously paid, if greater; For Reissues, see below Large Entity Fee Fee Code (\$) 103 18 203 9 Claims in excess of 20 104 280 204 140 Multiple dependent claims in excess of 3 105 126 240 126 240 Submission of information Disclosure Stmt 126 240 126 240 Submission of information Disclosure Stmt 127 128 129 129 129 129 129 129 129 129 129 129		143	430	243	215	Design issue fee	
Claims Multiple Dependent "or number previously paid, if greater; For Reissues, see below Large Entity Fee Fee Fee Code (\$) 103 18 203 9 Claims in excess of 20 104 280 204 140 Multiple dependent claims in excess of 3 109 84 209 42 Independent claims in excess of 20 and over original patent Substotal (2) (\$) 0.00 Petitions to the Commissioner 122 130 122 130 Petitions to the Commissioner 123 50 123 50 Petitions related to provisional applications 126 240 126 240 Submission of information Disclosure Stmt Recording each patent assignment per property (times number of properties) 126 240 126 240 Recording each patent assignment per property (times number of properties) 127 128 240 126 240 Submission of information Disclosure Stmt Recording each patent assignment per property (times number of properties) 128 40 581 40 581 40 Recording each patent assignment per property (times number of properties) 129 246 345 Filing a submission after final rejection (37 CFR § 1.129(a)) 129 345 For each additional invention to be examined (37 CFR § 1.129(b)) 129 345 For each additional invention to be examined (37 CFR § 1.129(b)) 129 345 For each additional invention to be examined (37 CFR § 1.129(b)) 129 345 For each additional invention to be examined (37 CFR § 1.129(b)) 129 345 For each additional invention to be examined (37 CFR § 1.129(b)) 129 345 For each additional invention to be examined (37 CFR § 1.129(b)) 120 340 345 For each additional invention to be examined (37 CFR § 1.129(b)) 120 340 345 For each additional invention to be examined (37 CFR § 1.129(b)) 120 340 345 For each additional invention to be examined (37 CFR § 1.129(b)) 120 340 345 For each additional invention to be examined (37 CFR § 1.129(b))		144	580	244	290	Plant issue fee	
or number previously paid, if greater; For Reissues, see below Large Entity Fee Fee Fee Code (\$) 103 18 203 9 Claims in excess of 20 104 280 204 140 Multiple dependent claims in excess of 3 109 84 209 42 **Reissue independent claims over original patent over original patent in excess of 20 100 18 210 9 **Reissue claims in excess of 20 Subtotal (2) (\$) 0.00 *Reduced by Basic Filing Fee Paid Subtotal (\$) Submission of information Disclosure Stmt 126 240 126 240 Submission of information Disclosure Stmt 126 240 126 240 Submission of information Disclosure Stmt 127 240 581 40 581 40 Recording each patent assignment per property (times number of properties) 146 690 246 345 Filing a submission after final rejection (37 CFR § 1.129(a)) 149 690 249 345 For each additional invention to be examined (37 CFR § 1.129(b)) 150 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Independent 1 -3= 0 X 84.00 =	122	130	122	130	Petitions to the Commissioner	
**or number previously paid, if greater; For Reissues, see below Large Entity Fee Fee Fee Fee Fee Fee Fee Fee Fee Fe	Multiple Dependent	123	50	123	50	Petitions related to provisional applications	
Fee Fee Fee Fee Fee (\$) Code (\$) Fee Fee (\$) Fee Description 103 18 203 9 Claims in excess of 20 104 280 204 140 Multiple dependent claims in excess of 3 149 690 249 345 For each additional invention to be examined (37 CFR § 1.129(a)) 105 84 209 42 "Reissue independent claims over original patent solver original pate	**or number previously paid, if greater; For Reissues, see below	126	240	126	240	Submission of information Disclosure Stmt	
102 84 202 42 Independent claims in excess of 3 104 280 204 140 Multiple dependent claims, if not paid 109 84 209 42 "Reissue independent claims over original patent 110 18 210 9 "Reissue claims in excess of 20 and over original patent SUBTOTAL (2) (\$) 0.00 "Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 40.00	Fee Fee Fee Fee Fee Description	581	40	581	40		\$ 40.00
examined (37 CFR § 1.129(b)) 104 280 204 140 Multiple dependent claim, if not paid 109 84 209 42 "Reissue independent claims over original patent 110 18 210 9 "Reissue claims in excess of 20 and over original patent SUBTOTAL (2) (\$) 0.00 *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 40.00	103 18 203 9 Claims in excess of 20	146	690	246	345		
109 84 209 42 **Reissue independent claims over original patent 110 18 210 9 **Reissue claims in excess of 20 and over original patent Other fee (specify) Other fee (specify) *Reduced by Basic Filling Fee Paid SUBTOTAL (3) (\$) 40.00		149	690	249	345		
over original patent 110 18 210 9 **Reissue claims in excess of 20 and over original patent Other fee (specify) SUBTOTAL (2) (\$) 0.00 *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 40.00		<u> </u>					
110 18 210 9 **Reissue claims in excess of 20 and over original patent Other fee (specify) SUBTOTAL (2) (\$) 0.00 *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 40.00	109 84 209 42 THEISSUE INDEPENDENT Claims over original patent	Other fe	e (speci	ту) _			
, , , , , , , , , , , , , , , , , , , ,	110 18 210 9 **Reissue claims in excess of 20	Other fe	ee (speci	ify)			
	SUBTOTAL (2) (\$) 0.00	*Reduc	ed by Ba	sic Filin	g Fee Pa	aid SUBTOTAL (3) (\$) 40.0	00

Signature WARNING:

Name (Print/Type)

Marcel K, Bingham

n

M

IU

m

Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

42,327

Date

(408) 414-1080

December 5, 2001

PTO/SB/35 (11-00)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

REQUEST AND CERTIFICATION UNDER 35 U.S.C. 122(b)(2)(B)(i)

First Named Inventor		WAYNE SMITH
Title	OBJECT-O	RIENTED MATERIALIZED VIEWS
Atty. Docket Number		50277-1755

I hereby certify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

December 5, 2001

Signature

Marcel K. Bingham, Registration No. 42,327

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing.**

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).

Burden Hour Statement: This collection of information is required by37 CFR 1.213(a). The information is used by the public to request that an application not be published under 35 U.S.C. 122(b) (and the PTO to process that request). Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This form is estimated to take 6 minutes to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Box Patent Applications, Commissioner for Patents, Washington, DC 20231